

APR 10 2007

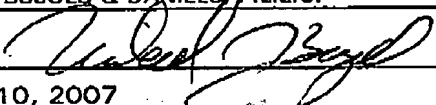
<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/583,121
	Filing Date	with an effective filing date of December 17, 2004
	First Named Inventor	Igor Lvovich SKRYABIN and Graeme Leslie EVANS
	Group Art Unit	
	Examiner Name	Fax: (571) 273-8300
Total No. of Pages in this Submission: 31	Attorney Docket Number	GRIHAC P48AUS

## ENCLOSURES (check all that apply)

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee attached<br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request (in Duplicate)<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input checked="" type="checkbox"/> Response to Missing Part/s Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition (DELETED - no longer useful)<br><input type="checkbox"/> To Convert a Provisional Petition<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Small Entity Statement<br><input type="checkbox"/> Request for Refund | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):<br>Copy of already submitted missing parts |
|---|---|---|


## REMARKS

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Michael J. Bujold DAVIS BUJOLD & DANIELS P.L.L.C.	Reg. No. 32,018 CUSTOMER NO. 020210
Signature		
Date	April 10, 2007	

## CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the USPTO on April 10, 2007.

Type or printed name	Michael J. Bujold
Signature	 Date: April 10, 2007 (nay)

**RECEIVED  
CENTRAL FAX CENTER****APR 10 2007  
PATENT APPLICATION****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Igor Lvovich SKRYABIN and Graeme Leslie  
Serial no. : EVANS  
Filed : 10/583,121  
For : with an effective filing date of December 17, 2004  
METHOD FOR ELECTROLYTIC ENGINEERING  
OF NANO-PARTICULATE LAYERS  
Group Art Unit :  
Examiner :  
Docket : GRIHAC P48AUS

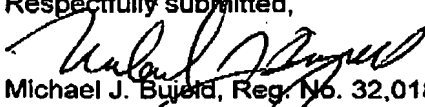
The Commissioner for Patents  
U.S. Patent & Trademark Office  
P. O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF  
NONPROVISIONAL APPLICATION FILED UNDER 37 CFR 1.53(b)**

In response to the Notice to File Missing Parts of Application mailed April 2, 2007, as requested, a copy of the Notice is being returned to the United States Patent Office. Please note that all of the outstanding informalities were already addressed in the Applicant's previous mailing sent to the United States Patent Office under a March 19, 2007 Certificate of Express Mailing date (a copy of that previous mailing is attached hereto). In view of that mailing, no further action on the part of the Applicant is believed necessary in order for this application to proceed to examination.

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,

  
Michael J. Bujold, Reg. No. 32,018  
Customer No. 020210

Davis Bujold & Daniels, P.L.L.C.

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Concord, NH 03301-2931

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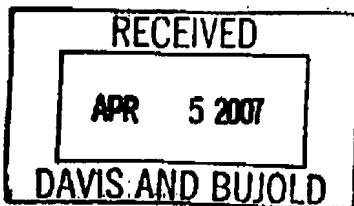


## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22312-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/583,121	FIRST NAMED APPLICANT Igor Lvovich Skryabin	ATTY. DOCKET NO. GRIHAC P48AUS
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20210  
DAVIS & BUJOLD, P.L.L.C.  
112 PLEASANT STREET  
CONCORD, NH 03301



5.28.07  
9.18.07 AH

NAY  
2

INTERNATIONAL APPLICATION NO. PCT/AU04/01768	
I.A. FILING DATE 12/17/2004	PRIORITY DATE 12/18/2003

CONFIRMATION NO. 3214  
371 FORMALITIES LETTER

\*OC00000023161715\*

Date Mailed: 04/02/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 06/16/2006
- Copy of the International Search Report filed on 06/16/2006
- Preliminary Amendments filed on 06/16/2006
- Information Disclosure Statements filed on 06/16/2006
- Oath or Declaration filed on 06/16/2006
- Small Entity Statement filed on 06/16/2006
- Request for Immediate Examination filed on 06/16/2006
- U.S. Basic National Fees filed on 06/16/2006
- Substitute Specification filed on 06/16/2006
- Priority Documents filed on 06/16/2006
- Specification filed on 06/16/2006
- Claims filed on 06/16/2006
- Abstracts filed on 06/16/2006
- Drawings filed on 06/16/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE**

**DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/583,121	PCT/AU04/01768	GRIHAC P48AUS

FORM PCT/DO/EO/805 (371 Formalities Notice)

In re Appln. of:  
Igor Lvovich SKRYABIN and Graeme Leslie  
EVANS

Serial No.: 10/583,121

Filed: with an effective filing date of December 17, 2004

For: METHOD FOR ELECTROLYTIC  
ENGINEERING OF NANO-PARTICULATE  
LAYERS

Docket: GRIHAC P48AUS

RECEIVED:  
Check \$265, 3pg transmittal (+dupl.), 4pg  
dec/poa, 1pg added page to dec/poa, 1pg  
petition by joint inventor, 12pg statement of  
fact and supporting evidence, 5pg  
declaration and enclosures.

tac:03/19/2007

EM044265457US

Davis Bujold & Daniels P.L.L.C. 195 President Street Concord, NH 03301 603 226 7490		CENTURY BANK & TRUST Bedford, NH 03045 603 207 1114	
PAY TO THE ORDER OF: COMMISSIONER FOR PATENTS		March 19, 2007	
TWO HUNDRED SIXTY FIVE AND 00/100		\$ 265.00	
GRIHAC P48AUS MISSING PARTS		DOLLARS	
MEMO		1016672101010020241010010511	

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER <b>GRIHAC P48AUS</b>
		U.S. APPLICATION NO. <b>10/583,121</b>
INTERNATIONAL APPLICATION NO. <b>PCT/AU2004/001768</b>	INTERNATIONAL FILING DATE <b>December 17, 2004</b>	PRIORITY DATE CLAIMED <b>December 18, 2003</b>
TITLE OF INVENTION <b>METHOD FOR ELECTROLYTIC ENGINEERING OF NANO-PARTICULATE LAYERS</b>		
APPLICANT(S) FOR DO/EO/US <b>Igor Lvovich SKRYABIN and Graeme Leslie EVANS</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4))—Included <b>ADDED PAGE TO COMBINED DECLARATION.....</b></li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Item 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> </ol>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. § 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. <b>10/583,121</b>		INTERNATIONAL APPLICATION NO. <b>PCT/AU2004/001768</b>		ATTORNEY'S DOCKET NUMBER <b>GRIHAC P48AUS</b>	
20. Other Items or information: Petition by Joint Inventor Filing on Behalf of Other Inventor - 1 pg.		Statement of Facts In Support of Filing - 12 pgs. Declaration by Michael J. Bujold - 5 pgs.			
21. The following fees have been submitted				Calculations	PTO USE ONLY
21. ■ Basic national fee (37 CFR 1.492(a)) ..... \$300					
22. ■ Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the International Preliminary Examination Report prepared by IPEA/US indicates all claims satisfy provision of PCT Article 33(1)-(4) ..... \$0 All other situations ..... \$200					
23. ■ Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International Preliminary Examination Report prepared by IPEA/US indicates all claims satisfy provision of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the International Application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations ..... \$500				\$	
TOTAL of 21, 22, and 23 =				\$	
□ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100	/ 50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$130	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =		x \$50	\$	
Indep. claims	- 3 =		x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$130	
■ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/3.				\$65	
Petition by Joint Inventor on Behalf of Other Joint Inventor who Refuses to Join in Application or Cannot be Reached				\$200	
SUBTOTAL =				\$265	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$
TOTAL NATIONAL FEE =				\$265	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
TOTAL FEES ENCLOSED =				\$265	
				Amount to be refunded:	\$
				Amount to be charged	\$

00PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☒ A check in the amount of \$265 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 04-0213 in the amount of \$\_\_\_\_\_ to cover the above fees.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0213. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer Number: 020210

DAVIS BUJOLD & DANIELS, P.L.L.C.  
112 Pleasant Street  
CONCORD, NH 03301-2931

TEL: (603) 226-7490

FAX: (603) 226-7499

E-MAIL: patent@davisandbujold.com

SIGNATURE

Michael J. Bujold

NAME

32,018

REGISTRATION NUMBER

## CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Transmittal Letter and the papers indicated as being transmitted therewith is being deposited with the United States Postal Service on this date March 19, 2007 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EM044265457US addressed to the: Commissioner of Patent and Trademarks, P. O. Box 1450, Alexandria, VA 22313-1450

Michael J. Bujold